L Number	Hits	Search Text	DB	Time stamp
1	411	(349/141).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:48
2	29659	349$.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:49
3	472	349$.ccls. and (in-plane adj switch$5)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:49
4	668	((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:50
5	197	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:50
6	193	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near6 gate insulat$5)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:51
7	193	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near3 gate insulat$5)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:51
8	193	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate insulat$5)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:53
9	67	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate insulat$5)) not @ad>19991201	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:54
10	21	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 09:03
11	6	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate)) not @ad>19991201	USPAT; US-PGPUB; EPO; JPO	2003/04/14 10:16
12	1	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate)) not @ad>19991201) and (black near6 passivation)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 09:02
13	0	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and passivation) and (passivation near2 gate)) not @ad>19991201) and (black near6 gate)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 09:03
14	78	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and (passivation near4 gate)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 09:03
15	7	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and (passivation near4 gate)) and (black near6 gate)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 10:18
16	4	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and (passivation near4 gate)) and (black near6 gate)) not @ad>19991201	USPAT; US-PGPUB; EPO; JPO	2003/04/14 10:08
17	26678	349$.ccls. not @ad>19991201	USPAT; US-PGPUB; EPO; JPO	2003/04/14 10:18
18	47	(349$.ccls. not @ad>19991201) and (black near3 gate)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 10:18
-	268	(349/141).CCLS.	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:48

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–	27201	349$.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:48
–	269	349$.ccls. and (in-plane adj switch$5)	USPAT; US-PGPUB; EPO; JPO	2003/04/14 08:49
–	407	((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:00
–	120	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:07
–	80	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:12
–	13	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:12
–	13	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:12
–	143	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:12
–	202	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:13
–	17	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:13
–	4	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:14
–	394	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:14
–	390	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"))	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:15

-	225	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not (((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"))) and metal	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:15
-	144	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not (((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"))) and metal) and ("ITO" indium)	USPAT; US-PGPUB; EPO; JPO	2002/04/16 10:16
-	96	(((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not (((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"))) and metal) and ("ITO" indium)) not @ad>19991215	USPAT; US-PGPUB; EPO; JPO	2002/04/16 11:59
-	18	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 11:56
-	1	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr")) not ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "Cr") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "IZO") and ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "ITO")) not (((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and aluminum) and "ITO") and "IZO") and "Cr"))) and "IZO"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 11:57
-	266	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215	USPAT; US-PGPUB; EPO; JPO	2002/04/16 11:58
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and ("IZO" (indium adj zinc))	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:00

-	26198	349$.ccls. not @ad>19991215	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:11
-	7	(349$.ccls. not @ad>19991215) and ("IZO" (indium adj zinc))	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:00
-	149	(349$.ccls. and (in-plane adj switch$5)) not @ad>19991215	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:11
-	266	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:12
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "extra common line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:12
-	1	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "auxiliary common line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:16
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "auxiliary common bus"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:15
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "auxiliary gate line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:15
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "auxiliary data line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:16
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "auxiliary line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:16
-	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "dummy common line"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:27
-	80	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "alignment layer"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:28
-	49	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "alignment layer") and polyimide	USPAT; US-PGPUB; EPO; JPO	2002/04/16 12:28
-	15	((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "alignment layer") and polyimide) and "passivation layer"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 14:17
-	48	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and ("storage electrode" "storage capacitor")	USPAT; US-PGPUB; EPO; JPO	2002/04/16 14:25
-	0	(((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) not @ad>19991215) and "dummy common line") and "storage electrode"	USPAT; US-PGPUB; EPO; JPO	2002/04/16 14:25
-	27280	349$.ccls.	USPAT; US-PGPUB; EPO; JPO	2002/04/25 08:59
-	0	349$.ccls. and ((ITO adj over) near2 Cr)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:01
-	0	349$.ccls. and ((ITO adj over) near3 Cr)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:01
-	0	349$.ccls. and ((ITO adj over) near3 metal)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:02
-	0	349$.ccls. and ((ITO adj over) near4 metal)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:02
-	1	349$.ccls. and ((ITO adj disposed) near4 metal)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:02

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–	423	((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:12
–	87	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "storage capacitor"	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:21
–	0	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "storage capacitor") and "storage via"	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:22
–	1	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "storage capacitor") and "storage contact hole"	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:22
–	1	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "storage capacitor") and "storage contact"	USPAT; US-PGPUB; EPO; JPO	2002/04/25 09:23
–	2	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and "storage capacitor") and ((via hole) near2 (storage capacitor))	USPAT; US-PGPUB; EPO; JPO	2002/04/25 12:07
–	19	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and (metal near2 pixel)	USPAT; US-PGPUB; EPO; JPO	2002/04/25 12:08
–	428	((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:00
–	6	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:12
–	9	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:20
–	3	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:10
–	16	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:12
–	10	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:12
–	21	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near2 pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:31
–	2	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near2 pixel)) not (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))) ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:26

-	4	(("5757451") or ("4744639")).PN.	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:27
-	52	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near4 pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:32
-	52	(((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal Cr Al Mo Ni Cu Au Ag) near4 pixel)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:32
-	31	((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near4 pixel)) not (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))) ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))) ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near2 pixel)) ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near2 pixel)) not (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) ((((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) near pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))) ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) (((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj2 pixel)) not ((((349/141).CCLS.) (349$.ccls. and (in-plane adj switch$5))) and ((metal cr al mo ni cu au ag) adj pixel))))) ((("5757451") or ("4744639")).PN.))	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:43
-	5	(("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:45
-	1	("0008824").PN.	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:45
-	0	("0013 14").PN.	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:45
-	6	((("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.) (("0008824").PN.)	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:45
-	2	(((("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.) (("0008824").PN.)) and "black matrix"	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:57

-	0	(((("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.) (("0008824").PN.)) and "black mask"	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:57
-	2	(((("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.) (("0008824").PN.)) and "black"	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:58
-	0	(((("6362858") or ("6094250") or ("6049365") or ("6219125") or ("6278502")).PN. or (2002/0008824).CCLS.) (("0008824").PN.)) and "block"	USPAT; US-PGPUB; EPO; JPO	2002/05/02 09:58